

Converting Colors

XYZ(35.9610, 37.0591, 23.8006)

Have a look what the booklet for
XYZ(35.9610, 37.0591, 23.8006)
contains.

XYZ(36.0249, 37.0852, 23.6718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.0249, 37.0852,
23.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A17A
RGB	184, 161, 122
RGB Percent	72%, 63%, 48%
CMY	0.2784, 0.3686, 0.5216
CMYK	0.00, 0.12, 0.34, 0.28
HSL	38°, 30%, 60%
HSV	38°, 34%, 72%
XYZ	36.0249, 37.0852, 23.6718
YIQ	163.4310, 26.2270, -7.2530

Conversions

Conversions Part 2

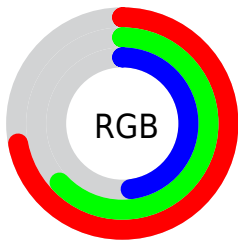
Format	Color
RYB	159, 184, 122
Decimal	12099962
CIELab	67.34, 2.62, 23.43
CIELCh	67, 23.577, 83.623
Yxy	37.0852, 0.3722, 0.3832
Android (android.graphics.Color)	4290290042 (0xFFB8A17A)
YUV	163.4310, -20.4255, 18.0390
Hunter-Lab	60.8976, -0.9765, 19.5814

Details

The XYZ color **36.0249, 37.0852, 23.6718** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.8030, 27.8483, 49.3101**, and the grayscale version is **35.1023, 36.9304, 40.2172**.

A 20% lighter version of the original color is **68.5694, 70.9077, 50.6300**, and **15.9844, 16.3787, 8.6223** is the 20% darker color. If you saturate the color by 10%, you get **33.8310, 34.3524, 17.8384**, and if you desaturate by 10%, it is **38.5017, 40.0380, 30.6653**.

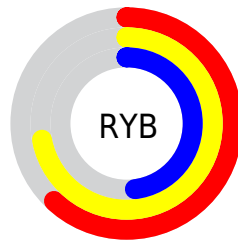
Distribution



Red (72%)

Green (63%)

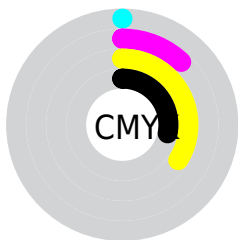
Blue (48%)



Red (62%)

Yellow (72%)

Blue (48%)

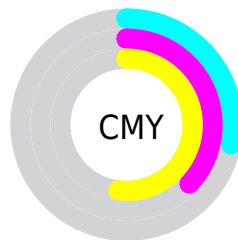


Cyan (0%)

Magenta (12%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0249, 37.0852, 23.6718 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 36.0249, 37.0852, 23.6718 by changing the saturation by 10% instead.


 36.0249, 37.0852,
23.6718


 36.0249, 37.0852,
23.6718


320.4987,
333.6792, 284.3899


 24.6236, 25.2735,
14.8804


 68.3941, 70.7038,
50.4312

 15.9241, 16.2809,
8.5898


 90.0928, 93.2795,
69.2363

 9.5610, 9.7232,
4.3815


 115.9546,
120.2119, 92.2163

 5.1689, 5.2158,
1.8369

146.3449,
151.8855, 119.7898

 2.3825, 2.3744,
0.4521

181.6292,
188.6846, 152.3754

 0.8364, 0.8127,
0.0000

222.1726,

 0.0000, 0.0000,

230.9937, 190.3916

0.0000

268.3407,
279.1971, 234.2569

■ 36.0249, 37.0852,
23.6718

■ 36.0249, 37.0852,
23.6718

■ 33.8310, 34.3524,
17.8384

■ 38.5017, 40.0380,
30.6653

■ 31.9040, 31.8276,
13.0982

■ 41.2707, 43.2121,
38.8762

■ 30.2302, 29.5049,
9.3807

■ 44.3445, 46.6155,
48.3609

■ 28.7936, 27.3761,
6.6065

■ 47.7338, 50.2539,
59.1712

■ 27.5756, 25.4322,
4.6839

■ 51.4488, 54.1331,
71.3565

■ 26.5545, 23.6625,
3.5029

■ 55.4992, 58.2582,
84.9632

■ 25.9843, 22.6244,
2.9974

■ 59.8944, 62.6346,
100.0359

■ 62.2712, 66.3183,
104.1264

■ 64.0519, 69.8798,
104.7200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.5270, 37.0852, 26.3972



36.0249, 37.0852, 23.6718



32.5398, 37.0852, 24.7689

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.0249, 37.0852, 23.6718



29.2643, 37.0852, 48.8795



41.1368, 37.0852, 53.3529

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.0249, 37.0852, 23.6718



26.8030, 27.8483, 49.3101

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.1033, 37.0852, 61.4656



36.0249, 37.0852, 23.6718



31.2902, 37.0852, 58.5902

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.0249, 37.0852, 23.6718



28.7910, 37.0852, 38.2117



34.4831, 37.0852, 63.5296



42.6055, 37.0852, 42.6278

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.0249, 37.0852, 23.6718



30.6737, 37.0852, 27.6321



34.4831, 37.0852, 63.5296



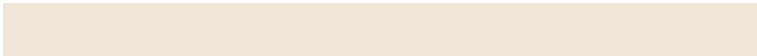
40.2567, 37.0852, 56.5450

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



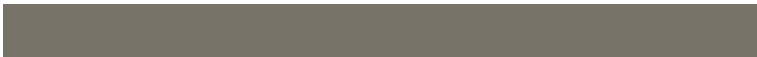
36.0258, 37.0869, 23.6726



76.7158, 80.4619, 76.2702



31.8972, 26.1779, 30.4712



16.3745, 17.1632, 15.9409



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0258, 37.0869, 23.6726



62.4793, 63.7321, 35.3220



38.7319, 45.0060, 25.0585



9.4626, 9.9282, 9.5245



17.9776, 15.7315, 2.0890



0.6909, 0.6688, 0.0927

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.8030, 27.8483, 49.3101



43.3507, 44.5802, 88.5246



24.7004, 22.0657, 48.3048



8.7867, 9.2505, 11.4019



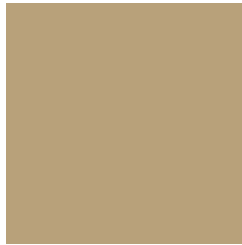
7.4604, 5.3805, 31.8984



0.3231, 0.3100, 1.1445

Previews

White Background



This preview shows how the XYZ color 36.0249, 37.0852, 23.6718 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 36.0249, 37.0852, 23.6718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

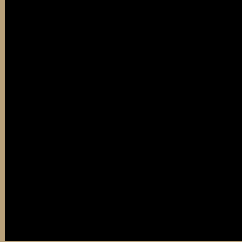
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0249, 37.0852, 23.6718

Background



This preview shows how black text looks on a background with the XYZ color 36.0249, 37.0852, 23.6718.



This preview shows how white text looks on a background with the XYZ color 36.0249, 37.0852,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.0249, 37.0852, 23.6718

Protanopia

34.7551, 37.2111, 24.0896

Deuteranopia

37.6244, 36.8815, 23.8747



Tritanopia

39.6827, 37.0515, 41.6194

Trichromacy



Original Color

36.0249, 37.0852, 23.6718

Protanomaly

35.2627, 37.2082, 24.0622

Deuteranomaly

37.0372, 36.8309, 23.8959

Tritanomaly

38.1364, 36.9131, 34.3931

Monochromacy



Original Color

36.0249, 37.0852, 23.6718

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.0602, 36.6367, 33.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0249, 37.0852, 23.6718 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 161, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 161, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 122) }
```

Border

The CSS property to change the border of an element to XYZ 36.0249, 37.0852, 23.6718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 161, 122) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 161, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 161, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0249, 37.0852, 23.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
161, 122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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